

Solo Devil Wagon Taken Up in a Serious Way Might Add New Terrors to City Life

sport. It is a kind of motorcycling, this autopeding.

Now that lovely actresses find that it is too cold to be photographed autois too cold to be photogra peding or pedmobiling down at Long
Beach serious minded persons can
take up the sport and get some fine
Riverside Drive bearing their riders

bothering much about the orthopedist.
All that one needs is to have one's feet to wonder how it would feel to ride on one of the contraptions.

The other day a SUN reporter

serenely out of sight the sensation of One can be an autopedist without disapproval wears off and one begins

on straight and a keen eye and no mounted one of the devices and started nerves. The autoped is a pushmobile out to explore the great city. It seems ber mats which seem to have "Weltat has acquired suitable hauteur.

You of course would not be caught dead in the woods or smashed up on throadway, for that matter, with your throadway, for that matter, with your mands and standing perfectly erect in typhoon and then you lurch over unsugled frame twisted up in a piece of forth to enjoy the scenery. It describes a started ber mats which seem to have "Weltand in the woods or smashed up on the detreas an attrict of the starter of the mats which seem to have "Weltand in the woods or smashed up on the directions say that you are to them, grab the handle and away you stand on the piatform and turn the go. First you careen like a lugger in the starter of the mats which seem to have "Weltand in the woods or smashed up on the directions say that you are to them, grab the handle and away you stand on the piatform and turn the go. First you careen like a lugger in the starter of the matter with your the starter of the directions say that you are to them, grab the handle and away you stand on the piatform and turn the go. First you careen like a lugger in the starter of the matter with your the starter of the matter with your the starter of the matter of

MR. BROOKLYN WILL FIND THEM USEFUL

and away it goes on a relief expedition at the rate of twenty-five miles an

the nearest quenchery. The little contrivance can stand some pretty rough going and can be guided through the

Descendant of the Small Boy's Pushmobile Becomes Popular

The autoped can also be used as a kind of yacht tender. When a landing is made at some out of the way spot and brandy or "navy sherry" or something of that kind is needed to replenish the lockers, away the steward can sail over the dusty roads to the nearest quenchery. The little contract with the sail of the lockers and can sail over the dusty roads to the nearest quenchery. The little contract with the lockers are contracted by the lockers are contra rear wheel which will be an ever ready came for them to go away from to help in time of trouble.

trivance can stand some pretty rough going and can be guided through the woods by bunters at a good rate if there is the semblance of a path.

For the joys of the open road it is commended. As the stander is in an erect position, he can survey the country of the country on his gliding tour. He can have all the fun of walking without using his feet. The exercise is not equal to that afforded by Shanks' mare, but all the same the rider gets that all the same the rider gets and using with one bands. The male factor in the situation countries from the situation countries of the male factor in the situation countries from the countries fr

the male factor in the situation coup

serves, me antoped is a purimodel that he arctitude statistic harders. The service statistic harders. The service statistic harders are already single for fair an autoped committee and the service of the statistic harders. The service of the statistic harders are already as the particular of the statistic harders. The service of the statistic harders are already as the particular of the statistic harders. The service of the statistic harders are already as the particular of the statistic harders. The service of the statistic harders are already as the service of the statistic harders. The service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders. The service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statistic harders are already as the service of the statisti DEEP IMPORTANCE TO SURGERY THE X-RAY IS OF

one of the casualty clearing stations in France. It is claimed for this procees that it goes far toward supplementing the work thus far done by the X-rays, and that now it will be possible to take photographs of the that it will be known precisely what is the matter, where to operate if an operation is necessary, what organ is affected and to what degree. The ancuncement has aroused much inerest among physicians in New York. One of the most highly skilled X-ray shotographers and physicians in the

ity said: "The British Medical Journal is an wan of such high standing in the rofession that what it says must be dy credited as authentic, and it uld not present the matter if it were

of some real value to the profes-on. I have read the account in the fournal with great interest and hope t forget what we are already able of the second.

see and to photograph by the use. The patient is so placed that the used upon dead bodies.

The inventor of this

graphs may now be taken in broad ment, the current from the patient's he is Scotch by birth,



X-ray photograph showing a when blood or pastographing is that cachet of bismuth in the where it should not be it appears on æsophagus.

a vertical position close to the subject. Way its presence is proved.

The other is hung horizontally at right. As electricity is only the accomangles to the first screen. Thus any position of the living organism this will be able to do some of the things electrical field coming from the former, process can be applied only so long as screen is always at right angles to that a person is after, or as molecular life

the perfected X-rays, especially as part to be examined is close to the her are now being used."

part to be examined is close to the first screen and directly below it, but paratus is James Shearer, a sergeant The Journal says that the new process secures photographs of structures Then the current is turned on, and degrees of M. D. and Ch. M. at the dden deep within the body. Photos by this action the third electrical ele- University of Washington, although

show the blood vessels in the brain fact that the process interposes be- been done by the X-rays and what we with such distinctness that a blood tween two alternating electric fields of are now able to do. You will remember may be located precisely; or it equal strength, and at the precise point her that the so-called X-rays, more

etion in the appendix clearly. This third field (the patient's body) tissue, and even thin strips of metal,
The process is by no means sensal is made to operate upon a sensitive and are stopped only by more opaque

brain, and wounds, but not the brain matter itself. The photographs show differences, such as diseased areas, but not the normal tissues. The use of the apparatus must be very exact, for it should be timed differently for the different organs or tis-

blend is very small, and therefore when blood vessels are to be pictured the electric alternations must be very On the contrary, as the electric force in the heart muscle is great, the alternations should be slow if the heart

tion. The electrical force latent is

s to be pictured. One special advantage claimed for this method of photographing is that the photographic plate at once as a hor. It does not stand out, but in this

continues in the body; it cannot be

daylight of the brain, liver, kidney, own body is brought into action.

"To understand the bearing of this pleen or any other organ in which the claimed by the inventor that method," said the New York expert trouble is suspected. The picture will "the results are primarily due to the "we must consider precisely what has will show an abscess upon the liver or where they meet, a third electric field, properly. Boutgen rays, as they were wounds or lesions from accident or the facultative potential force of which called after their discoverer, Prof. W. alsease in any organ. One picture is thus released and can be converted K. R. entress, who tirst found them in taken by this process showed a constitution of the process showed a constitution.

The physician or surgeon could look inside the body of his patient with the same case that the human body itself, so long a revolving bodies such as the bones of the losdy, the same case that the showledge, can change in diagnosis. That has been impossible to do heretofore and physicians have made mistakes and patients have died in consequence.

The British Medical Journal now among a discovery which is expected to the surface of the surf



X-ray photograph of the stomach, filled with barium -ulphate, showing its dilatation.

symptoms or to give the physician make an collinary practitioner, and for J. Pierpont Morsan forma-

of the problem before him.

'We can take in X-ray photograph of the liver simply by filling the surrounding tissues with max which will make them more transparent and allow the liver to stand out in relief. Int this photograph will not be sufficiently are apt to be misked by the machinery of the unskilful and think that what they see upon a photograph will not be sufficiently are apt to be misked by houses waiting years and the privilege of becomes. This concerns the customers. This concerns the customers are the controlled in the privilege of the customers are the customers.

a person is suffering with tuberculosis the lunes we may find the lesion by the X-ray when it would not be made unmistakable in any other way. We are actually seeing much of the internot tissue of the body by means of the X-ray photographs or directly, so the new method must be something of great value mideed if it can lielp us to see more or to see more clearly.

"When I was in Germany, hast before the war broke out, I saw and studied the new Bucky apparatus. which aims to concentrate the X-rays means of a system of lines drawn in squares so as to help fix the proper distance at which the plate should be placed. Hitherto we have been shown by the X-rays either too little or too much. We have to take a discount for the shadows, or add something, to what we know is physiologically cor-

paratus has been welcomed by the to add much to the X-ray marking as products of his profession at large, serving as it does now used to especially the large, serving as it does now used to especially the large transfer to concentrate the rays just where "The explanation as given in the states with the large transfer and the states of special states and special special

surgress more certain indications more rapid in reaching his conclus ple; but they have notice

the photograph will not be suf-the the photograph will not be suf-the the photograph will not be suf-the the photograph will not be suf-which might appear on the liver. If it were enlarged we could see it, but this were enlarged we could see it, but this would also have been indicated by the touch.

"When we are trying to ascertain if a proper reading of the details appears as the first theorem is suffering with tuberculosis."

Calborate appearatus, electrical or photographic, does not necessarily mean amazingly independent. To illustrate: If you wanted the proper reading of the details appearatus, electrical or photographic, does not necessarily mean a proper reading of the details appearatus, electrical or photographic, does not necessarily mean a proper reading of the details appearatus, electrical or photographic, does not necessarily mean a proper reading of the details appearatus, electrical or photographic, does not necessarily mean a proper reading of the details appearatus.



X-ray photograph of the large bade him good day not i intestine, showing normal thing over two years position.

hig on the plate. It is to be hoped the "Now any such method of addition new method may prove useful, and Syndicate, owners of the or subtraction is too inexact to be it will receive a careful testing, but it can diamond nines to be scientific, and therefore the Bucky ap-

they should be and give us the clarity Journal does not make clear make of salesmen run-

stead of a salesman calling a England and take a ax-Viadact, London. Here . the house cares to show an fore you. You look a fi nest here well pure the toout quibble or quethe price is \$1.0,000, -00 invariably C. O. D. It perchance yourd there is not any class to hemmed and haved and

an hour on on these quiry be explained that given an opportunity to dislike the house's A. The concern is the Let